



Environmental Chemistry Laboratory, DTSC
STAFF PUBLICATIONS
1985 – Present
Revised 09/2019

1. Hurley S, Goldberg D, Park JS, Petreas M, Bernstein L, Anton-Culver H, Neuhausen SL, Nelson DO, Reynolds P. A breast cancer case-control study of polybrominated diphenyl ether (PBDE) serum levels among California women. *Cancer Causes & Control*. Environment International. 127:412-419, 2019 (PMID: 29533840)
2. Kanaya N, Bernal L, Chang, G, Yamamoto, Takuro, Nguyen, Duc, Wang YZ, Park, JS, Warden,C, Wang, J, Wu, X, Rakoff,M, Neuhausen, S, Chen, S. Molecular Mechanisms of Polybrominated Diphenyl Ethers (BDE-47, -100 and -153) in Human Breast Cancer Cells and Patient-Derived Xenografts. *Toxicological Science*. 169(2):380-398, 2019 (PMID: 30796839)
3. Houtz E, Wang M, Park JS. Fate of AFFF-derived PFAS in a wastewater treatment plant. *Environmental Science & Technology* 52(22):13212-13221, 2018 (PMID: 30339382)
4. Zota AR, Geller R, Romano LE, Coleman-Phox K, Adler NE, Parry E, Park JS, Elmi AF, Laraia BA, Epel EE. Association between persistent endocrine-disrupting chemicals (PBDEs, OH-PBDEs, PCBs, and PFASs) and biomarkers of inflammation and cellular aging during pregnancy and postpartum. *Environmental International* 115: 9-20, 2018 (PMID: 29533840)
5. Hurley S, Goldberg D, Wang M, Park JS, Petreas M, Bernstein L, Anton-Culver H, Nelson DO, Reynolds P. Breast cancer risk and serum levels of per- and poly-fluoroalkyl substances: a case-control study nested in the California Teachers Study. *Environ Health* 17(1): 83, 2018 (PMID: 30482205)
6. Shen B, Whitehead T, Gill R, Dhaliwal J, Brown R, Petreas M, Patton S, Hammond K. Organophosphate flame retardants in dust collected from United States fire stations, *Environment International*, 2018, (112) 41-48 (PMID: 29247842)
7. Wang M, Guo W, Gardner S, Petreas M, Park JS. Per- and polyfluoroalkyl substances in Northern California cats: Temporal comparison and a possible link to cat hyperthyroidism. *Environ Toxicol Chem* 37(10): 2523-2529, 2018 (PMID: 30229994)
8. Parry E, Zota AR, Park JS, and Woodruff TJ. (2018) Polybrominated diphenyl ethers (PBDEs) and hydroxylated PBDE metabolites (OH-PBDEs): A six-year temporal trend in Northern California Pregnant Women. *Chemosphere*. 195:777-783. (March 2018)
9. Parry E, Zota AR, Park JS, and Woodruff TJ. (2018) Polybrominated diphenyl ethers (PBDEs) and hydroxylated PBDE metabolites (OH-PBDEs): A six-year temporal trend in Northern California Pregnant Women. *Chemosphere*. 195:777-783. (March 2018)
10. Hurley S, Goldberg D, Wang M, Park JS, Petreas M, Bernstein L, Anton-Culver H, Nelson DO, Reynolds P. Time Trends in Per- and Polyfluoroalkyl Substances (PFASs) in California Women: Declining Serum Levels, 2011-2015. *Environ Sci Technol* 52(1): 277-287, 2017. (PMID: 29198103)
11. Kezios K, Gu Y, Liu X, Cirillo P, Tarrant D, Petreas M, Park JS, Cohn B, Factor-Litvak P. Hydroxylated polychlorinated biphenyl metabolites (OH-PCBs), maternal smoking and size at birth. *Reprod Toxicol* 71:166-175, 2017 (PMID: 28314564)
12. Hurley S, Goldberg D, Nelson DO, Guo W, Wang Y, Baek HG, Park JS, Petreas M, Bernstein L, Anton-Culver H, Reynolds P. Temporal Evaluation of Polybrominated Diphenyl Ether (PBDE) Serum Levels in

13. Hurley S, Houtz E, Goldberg D, Wang M, Park JS, Nelson D, Reynolds P, Bernstein L, Anton-Culver H, Horn-Ross P, Petreas M. Preliminary associations between the detection of perfluoroalkyl acids (PFAAs) in drinking water and serum concentrations in a sample of California women. Environmental Science & Technology letters 3 (7): 264-269, 2016 (PMID: N/A)
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15. Morello-Frosch R, Cushing L, Jesdale B, Schwartz J, Guo W, Guo T, Wang M, Harwani S, Petropoulou SSE, Duong W, Park JS, Petreas M, Gajek R, Alvaran J, She J, Dobraca D, Das R, Woodruff T. Environmental Chemicals in an Urban Population of Pregnant Women and Their Newborns from San Francisco, *Environ Sci Technol*, 50 (22): 12464-12472, 2016. (PMID: 27700069)
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18. Liu R, Nelson DO, Hurley S, Petreas M, Park JS, Wang Y, Guo E, Bernstein L, Hertz A, Reynolds P. Association between serum polybrominated diphenyl ether levels and residential proximity to solid-waste facilities, *Environ Sci Technol*, 50 (7): 3945-3953, 2016. (PMID:26906616)
19. Petreas M, Gill R, Takaku-Pugh S, Lytle E, Parry E, Wang M, Quinn J, Park J-S. Rapid methodology to screen flame retardants in upholstered furniture for compliance with new California labeling law (SB 1019). *Chemosphere*, 152: 353-359, 2016 (PMID: 26991383)
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24. Kanaya N, Nguyen DM, Lu H, WangY-Z, Hsin L-Y, Petreas M, Nelson D, Guo W, Reynolds P, Synold T, Chen S, AroER tri-screenTM is a novel functional assay to estimate both estrogenic and estrogen precursor activity of chemicals or biological specimens. *Breast Cancer Res Treat*, 151 (2): 335 - 345, 2015. (PMID: 25962693)
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32. Whitehead TP, Brown FR, Metayer C, Park JS, Does M, Dhaliwal J, Petreas M, Buffler PA, Rappaport SM. Polychlorinated biphenyls in residential dust: Sources of variability. *Environ Sci Technol*, 48 (1): 157 - 164, 2014. (PMID: 24313682)
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